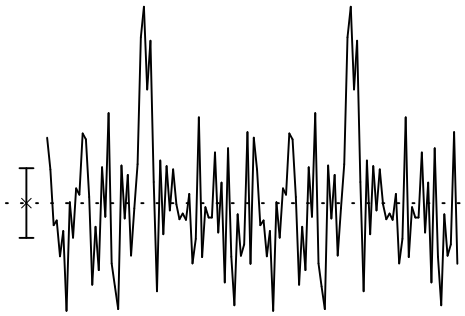
2 Pulses of Best Profile



Search Information

Candidate: 1081.91ms_Cand
Telescope: Parkes
$Epoch_{topo}$ = 49486.51983796297
$Epoch_{bary}$ = 49486.52514103893
T_{sample} = 0.0012
Data Folded = 245760
Data Avg = 126.3
Data StdDev = 8.14
Profile Bins = 64
Profile Avg = 4.839e+05
Profile StdDev = 504.4

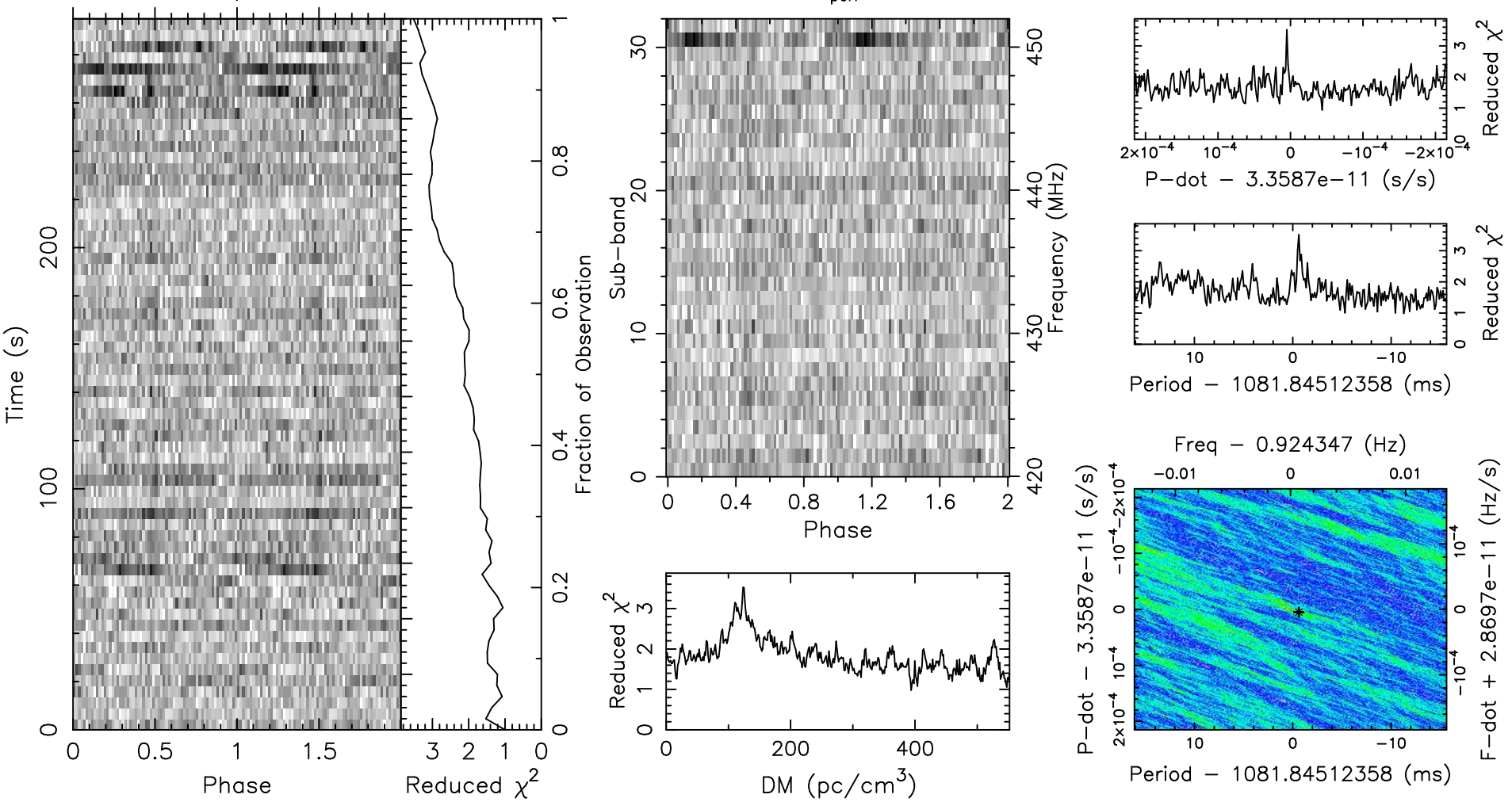
RA_{J2000} = 17:59:44.5459 DEC_{J2000} = −29:22:02.6100

Best Fit Parameters

DOF_{eff} = 60.20 χ^2_{red} = 3.516 P(Noise) < 1.65e−19 (9.0σ)
Dispersion Measure (DM; pc/cm^3) = 125.063
P_{topo} (ms) = 1081.225(32) P_{bary} (ms) = 1081.290(32)
P'_{topo} (s/s) = 5.05(83)x10^{-6} P'_{bary} (s/s) = 5.05(83)x10^{-6}
P''_{topo} (s/s^2) = 0.0(1.8)x10^{-8} P''_{bary} (s/s^2) = 0.0(1.8)x10^{-8}

Binary Parameters

P_{orb} (s) = N/A e = N/A
$a_1 \sin(i)/c$ (s) = N/A ω (rad) = N/A
T_{peri} = N/A



S55405_1.fil

pulsar 6−Feb−2024 19:38